

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

THIS PAGE BLANK (USPTO)

GenCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd:

OM nucleic - nucleic search, using sw model

Run on: June 17, 2003, 11:18:58 ; Search time 55.693 Seconds
(without alignments)
5580.127 Million cell updates/sec

Title: US-09-807-933b-2

Perfect score: 1017
Sequence: 1 atgaagcttactatcctgc.....caggtgtcagaagaataaa 1017

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits/satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Issued Patents NA:*

1: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/prodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/prodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/prodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/prodata/1/ina/ECTUS_COMB.seq:*
6: /cgn2_6/prodata/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	189.4	18.6	1473	1	US-08-090-013-3 Sequence 3, Appl1
2	189.4	18.6	1473	1	US-08-081-328-3 Sequence 3, Appl1
3	189.4	18.6	1473	1	US-08-232-249-3 Sequence 3, Appl1
4	189.4	18.6	1473	2	US-08-833-642A-3 Sequence 3, Appl1
5	189.4	18.6	1473	2	US-08-389-423-3 Sequence 3, Appl1
6	189.4	18.6	1473	4	US-09-230-665-3 Sequence 3, Appl1
7	189.4	18.6	1473	4	US-09-189-028-3 Sequence 3, Appl1
8	185.2	18.2	984	4	US-09-230-665-7 Sequence 7, Appl1
9	181.2	17.8	927	3	US-08-651-136C-5 Sequence 5, Appl1
10	181.2	17.8	927	4	US-09-229-911A-5 Sequence 5, Appl1
11	181.2	17.8	1423	3	US-08-651-136C-9 Sequence 9, Appl1
12	181.2	17.8	1423	3	US-09-229-911A-9 Sequence 9, Appl1
13	181.2	17.8	960	3	US-08-651-136C-1 Sequence 1, Appl1
14	181.2	17.8	960	4	US-09-229-911A-1 Sequence 1, Appl1
15	180.8	17.8	919	4	US-09-189-060B-67 Sequence 67, Appl1
16	180.8	17.8	894	3	US-08-651-136C-3 Sequence 3, Appl1
17	180.8	17.8	894	4	US-09-229-911A-3 Sequence 3, Appl1
18	178.8	17.6	924	4	US-09-189-060B-69 Sequence 69, Appl1
19	173.8	17.1	1132	3	US-08-651-136C-21 Sequence 21, Appl1
20	173.8	17.1	1132	4	US-09-229-911A-21 Sequence 21, Appl1
21	169.6	16.7	922	4	US-09-189-060B-65 Sequence 65, Appl1
22	165.4	16.3	1154	3	US-08-651-136C-7 Sequence 7, Appl1
23	165.4	16.3	1154	4	US-09-229-911A-7 Sequence 7, Appl1
24	162.2	15.9	913	3	US-08-651-136C-13 Sequence 13, Appl1
25	162.2	15.9	913	4	US-09-229-911A-13 Sequence 13, Appl1
26	160.4	15.8	885	3	US-08-651-136C-23 Sequence 23, Appl1
27	160.4	15.8	885	4	US-09-229-911A-23 Sequence 23, Appl1

28	160	15.7	912	4	US-09-189-060B-71	Sequence 71, Appl1
29	154.8	15.2	922	4	US-09-189-060B-73	Sequence 73, Appl1
30	153.6	15.1	807	4	US-09-230-665-5	Sequence 5, Appl1
31	153.6	15.1	1060	1	US-08-090-013-1	Sequence 1, Appl1
32	153.6	15.1	1060	1	US-08-081-328-1	Sequence 1, Appl1
33	153.6	15.1	1060	1	US-08-232-249-1	Sequence 1, Appl1
34	153.6	15.1	1060	2	US-08-921-426-7	Sequence 7, Appl1
35	153.6	15.1	1060	2	US-08-833-642A-1	Sequence 1, Appl1
36	153.6	15.1	1060	2	US-08-140-008A-3	Sequence 3, Appl1
37	153.6	15.1	1060	2	US-08-389-423-1	Sequence 1, Appl1
38	153.6	15.1	1060	3	US-08-816-915-7	Sequence 7, Appl1
39	153.6	15.1	1060	4	US-09-189-060B-55	Sequence 55, Appl1
40	153.6	15.1	1060	4	US-09-230-665-1	Sequence 1, Appl1
41	153.6	15.1	1060	4	US-09-230-665-1	Sequence 1, Appl1
42	153.6	15.1	1060	5	PCT-US95-07743-7	Sequence 7, Appl1
43	153.6	15.1	1174	2	US-08-872-437-1	Sequence 1, Appl1
44	153.6	15.1	1174	3	US-08-651-136C-11	Sequence 11, Appl1
45	153.6	15.1	1174	4	US-09-229-911A-11	Sequence 11, Appl1

ALIGNMENTS

RESULT 1
US-08-090-013-3
; Sequence 3, Application US/08090013
; Patent No. 5443750
; GENERAL INFORMATION:
; APPLICANT: CONVENTS, ANDRE C
; APPLICANT: BUSCH, ALFRED
; APPLICANT: BAERCK, ANDRE C
; TITLE OR INVENTION: DETERGENT COMPOSITION WITH HIGH ACTIVITY
; TITLE OR INVENTION: CELLULASE AND SOFTENING CLAYS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: THE PROCTER & GAMBLE COMPANY
; STREET: 5299 SPRING GROVE AVENUE
; CITY: CINCINNATI
; STATE: OHIO
; COUNTRY: USA
; ZIP: 45217
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/090,013
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 91202880.0
; FILING DATE: 06-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: PATEL, KEN K.
; REGISTRATION NUMBER: 33,988
; REFERENCE/DOCKET NUMBER: CM93
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-627-6437
; TELEFAX: 513-627-4854
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1473 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 97..1224
; US-08-090-013-3
Query Match 18.6%; Score 189.4; DB 1; Length 1473;
Best Local Similarity 59.0%; Pred. No. 1.4e-47;

Matches	369;	Conservative	0;	Mismatches	241;	Indels	15;	Gaps	2
QY	380	GTGTGTCCTCTGTGTAACGGTGTCACTACTCTGTTATTTGGGATTTGCTGTGAAGGCTCTCTGTA							439
Db	143	GTGTGTCCTCTGTGTAAGCGGCTCACTTCTCACTATCTGGGATTTGTGCAAGCCTTTTGTGT							202
QY	440	GCTGGCCCGGTAAGGCGCAATGTCAATGTTCTCCGTGTAAGTCCGTGTAACAAAGATGTGTGTA							499
Db	203	CTTGAGAGGGAAGAGGCTGTGTGTCAACGCCCTGTCTTAACCTGTGTATTAAGAAGCAACACC							262
QY	500	CTGCCCTTAGTGACAGCAATATGCCCAAAGTGGCTGTGAAGGTGTGTAACATTACATGTGTGA							559
Db	263	CCATTTTCCAAACCAATCTGTGCAACGGTGTGGAAGGTGTGTGTCTGTATGTCTTGTGA							322
QY	560	ACGACAACCAACCTTTGGGCTGTGTAACGACAACCTTTGCCCTATGTTTGGCTGTGCTGCA							619
Db	323	CCAACTACTCTCTCCGTGGCTGTGCAACGATGAGCTTGCTCAAGGTTTCGTCTGATCGAACA							382
QY	620	TCAAGTGTGTGTGTGAATCTGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT							679
Db	383	TCTCCGGTGGCTCCGAGGCCAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT							442
QY	680	CCTCTGTGTGTGTGTGAAGAAGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT							739
Db	443	GCCCCGTAAAGGCAAGAAAGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT							502
QY	740	CCTCTACTGT							799
Db	503	ACA-----ACACATTTGCATTCATATATGCCCCGGGTGTGTGTGTGTGTGTGTGTGTGT							553
QY	800	GTTGTGTCCAGCCCAATGGGT							859
Db	554	GCTGCACCTCTGAGATTTGT							607
QY	860	CTTCTGCACATCTGCTGT							919
Db	608	CTTCTCCGGAAGCAATGT							667
QY	920	TCAACTGTGTGTGAAGACGCTGTATTAACCAAGCATGTACTTACAAAGAAATTACTGTCTTA							979
Db	668	TGCAATGTGTGTGAAGAACGCCGCAACCTGTACTTCACTTTGTGACAGGTTCAGTGTCCCA							727
QY	980	AGGAATCAACGCCCAAGACAGATTG 1004							
Db	728	AGGCTCTCTGTGCAATCACTGATG 752							
RESULT 2									
US-08-081-328-3									
Sequence 3, Application US/08081328									
Patent No. 5520838									
GENERAL INFORMATION:									
APPLICANT: BAECK, ANDRE C.									
APPLICANT: CEULEMANS, RAPHAEL ANGELINE A.									
APPLICANT: BUSCH, ALFRED (NMN)									
TITLE OF INVENTION: COMPACT DEREGENT COMPOSITIONS WITH									
TITLE OF INVENTION: HIGH ACTIVITY CELLULASE									
NUMBER OF SEQUENCES: 4									
CORRESPONDENCE ADDRESS:									
ADDRESSEE: THE PROCTER & GAMBLE COMPANY									
STREET: 11810 East Miami River Road									
CITY: CINCINNATI									
STATE: OHIO									
COUNTRY: USA									
ZIP: 45253-8707									
COMPUTER READABLE FORM:									
MEDIUM TYPE: Diskette									
COMPUTER: IBM PC									

```

CLASSIFICATION: 252
ACTORNEY/AGENT INFORMATION:
NAME: ZERRY, KIM WILLIAM
REGISTRATION NUMBER: 32,323
REFERENCE/DOCKET NUMBER: CM356M
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-2885
TELEFAX: 513-627-0318
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-081-328-3

Query Match      18.6%; Score 189.4; DB 1; Length 1473;
Best Local Similarity 59.0%; Pred. No. 1.4e-47;
Matches 369; Conservative 0; Mismatches 241; Indels 15; Gaps 2

QY      GTGGGCGCTCGTGAACGGTGTCACTACTCTGTTATTTGGATTGCTGAAGGCTCTGTGA 439
Db      GTGGGCGCTCGTGAACGGTGTCACTACTCTGTTATTTGGATTGCTGAAGGCTCTGTGA 439
QY      143 GTGCTGCTCTTCGGAAGCGGTCACTCTACTGATTACTGGATTGCTGCAAGCTTTGTGT 202
Db      143 GTGCTGCTCTTCGGAAGCGGTCACTCTACTGATTACTGGATTGCTGCAAGCTTTGTGT 202
QY      440 GCTGGCCCGGTGAAGGCCCAATGTCAGTTTCTCTGTCAAGTCTCTGTAACAAGATGTTGTA 499
Db      203 CTGAGAGCGGAAGAGGCTGTCTGTCAACGCCCTGCTTTAACTTGATATGAACGACAAAC 262
QY      500 CTGCGCTTAGTGAACAGCAATGCCAATAGTGTGTGAAGGTGTGAACAGTTACATGTGA 559
Db      263 CCAATTTCCAGACCAATGCTGTCAACGAGTGTGAAGGTGTGTCTGTTATGCTTGA 322
QY      560 ACGACAAACCAACTTGGGCTGTAAACGACAACTTGGCTATGTTTCTGCTGTGCCA 619
Db      323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCTGACGGTTGCTGTCTACCAAGA 382
QY      620 TCAAGTGTGTGTGAATCTGTGCTGTGTCTGTTCTTTGTTTGAACCTTACTTCACTTTTA 679
Db      383 TCTCCGGAGGCTCCGAGGCCAGCTGTGCTGTGTGATGCTTTGACTTTCACCACTG 442
QY      680 CCTGCTGTGTGTGAAGAATGTTGTCCAAAGTCAATCACTGATGATGATCTTGGCT 739
Db      443 GCCCCTGAAGGCAAGAAATGATGCTGATCCAGTCCACCAACACTGGAAGTGAATTCGGCG 502
QY      740 CCTTACTGTGTCTCACTTTGACTTTCGAAATGCCCGGTGTGTGTGTGATTTTCAAG 799
Db      503 ACA-----ACACACTTGCATTCATGATATGCCCGGGCGGTGTGTGCTATCTTGAGC 553
QY      800 GTTGTTCAGCAATGGGGGTGTCTCCCAATGACGTTGGGGCTCAAGATACGGTGTATTT 859
Db      554 GCTGCACTTCTGATTCGG-----CAAGCTCTGGCGGTGCCAGATAGGGCGGATATCT 607
QY      860 CTTTGCATCTGACTGCTCTTACTTCTTCTTCGCACTCCAGACTGTTGTAAATGAGAT 919
Db      608 CCTCCGAAGCAATGTATAGTACTACCTCCCGAGCTTCTCAAGGACGGTGTCCACTGCGCAT 667
QY      920 TCAACTGTGTCAAGAAAGCTGATTAACCAAGATGATCACTTAAGGAAGTTACTCTGTCA 979
Db      668 TCGACTGTGTTCAGAAAGCCGCAACACCTGACTTCACTTTGAGCAGGTTCACTGTCCTCA 727
QY      980 AGGAATCACCGCCCAAGACAGTTG 1004
Db      728 AGGCTCTCTGCAATCACTAGTGATG 752

RESULT 3
US-08-232-249-3
; Sequence 3, Application us/08232249
; Patent No. 5610129
; GENERAL INFORMATION:

```

```

; APPLICANT: MCCORODALE, FINLAY (NMN)
; APPLICANT: BUSCH, ALFRED (NMN)
; TITLE OF INVENTION: DYE TRANSFER INHIBITING COMPOSITIONS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE PROCTER & GAMBLE COMPANY
; STREET: 5299 SPRING GROVE AVENUE
; CITY: CINCINNATI
; STATE: OHIO
; COUNTRY: USA
; ZIP: 45217
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,249
; FILING DATE: 05-MAY-1994
; CLASSIFICATION: 510
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 91202882.6
; FILING DATE: 06-NOV-91
; ATTORNEY/AGENT INFORMATION:
; NAME: ALLEN, GEORGE W.
; REGISTRATION NUMBER: 26,143
; REFERENCE/DOCKET NUMBER: CM-395
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-627-5946
; TELEFAX: 513-627-8118
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1473 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 97..1224
; US-08-232-249-3

Query Match      18.6%; Score 189.4; DB 1; Length 1473;
Best Local Similarity 59.0%; Pred. No. 1.4e-47;
Matches 369; Conservative 0; Mismatches 241; Indels 15; Gaps 2;

QY 380 GTGTGCTCTGTGTAACGGTGTCACTACTGTTATTGGAGTTCGTGAAGCCCTCTGTA 439
DB 143 GTGTGCTCTGTGTAACGGTGTCACTACTGTTATTGGAGTTCGTGAAGCCCTCTGCT 202
QY 440 GGTGCGCCGGTAAGCGCAATGTCTGCTCTGTCAGTCTGTGAACAAAGATGTGTCA 499
DB 203 CTGGAGCGGAAAGGTGTCTGAACGCCCTGCTTTAATTGTGTAAGAACGACAAACC 262
QY 500 CTGCGCTTGTAGTACAGCAATGCGCCAAAGTGTGTGAACGGTGTGAACAGTTACATGTA 559
DB 263 CCAATTCACACCAATGCTGTCAACGTTGTGAAGGTGTGTGTCTGTACTTGTGA 322
QY 560 ACACAAACCACTTGGGCTGTGAACGACAACTTGCCTTATGCTGTGCTGCGCA 619
DB 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTCTCAACGTTTCGGTGTACCA 382
QY 620 TCAGTGTGTGTGTGAATCTCGTGTGTGTCTTCTTGTTCACACTTACTTCACTTGA 679
DB 383 TCTCCGGTGTGTGCGGCGCAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 442
QY 680 CCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 739
DB 443 GCCCGCTCAAGGCGCAAGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 502
QY 740 CCTTACTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 799
DB 503 ACA-----ACCACTTCGATCTCATGTATGCCCGGCGGTGTGTGTGTGTGTGTGT 553

```

```

QY 800 GTTGTTCAGCCATGGGCTGCTCCCAATGACGGTTGGGGCTCAAGATACGGGTATT 859
DB 554 GCTGACCTCTGAGTTGG-----CAAGCTCTGGCGGTGCCAGTACGGCGGATCT 607
QY 860 CTTCGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 919
DB 608 CTTCCGGAAGGAATGTATGTACTACCCGACCTTCTCAAGAACGTTGCCACTGGCAT 667
QY 920 TCACTGTGTGAAGAACGCTGTATTAACCAAGCATGACTTCAAGGAAGTTACTGTCTTA 979
DB 668 TCGACTGTGTTCAGAACCGCGCAACCTTGACTTCACTTGTGAGCAGTTGAGTCCCA 727
QY 980 AGCAATACACGCGCAAGACAGTTG 1004
DB 728 AGCTCTCTCTGACATCACTGATG 752

RESULT 4
US-08-833-642A-3
; Sequence 3, Application US/08833642A
; Patent No. 5883066
; GENERAL INFORMATION:
; APPLICANT: Ivan M. A. J. Herbots et al.
; TITLE OF INVENTION: Liquid Detergent Compositions
; TITLE OF INVENTION: Containing Cellulase and Amine
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jackie Ann Zurcher
; ADDRESS: 255 E. Fifth Street
; STREET: 1900 Chemed Center
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: USA
; ZIP: 45202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/833,642A
; FILING DATE: April 8, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Zurcher, J. A.
; REGISTRATION NUMBER: P42,251
; REFERENCE/DOCKET NUMBER: CM551C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (513) 977-8377
; TELEFAX: (513) 977-8141
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1473 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: fusarium oxysporum
; STRAIN: DSM 2672
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 97..1224
; US-08-833-642A-3

Query Match      18.6%; Score 189.4; DB 2; Length 1473;
Best Local Similarity 59.0%; Pred. No. 1.4e-47;
Matches 369; Conservative 0; Mismatches 241; Indels 15; Gaps 2;

QY 380 GTGTGCTCTGTGTAACGGTGTCACTACTGTTATTGGAGTTCGTGAAGCCCTCTGTA 439

```

Db 143 GTGCTGCTTGAAGAGGCTACCTCACTGATAGTGGATGCTGCAAGCTTCTGCT 202
QY 440 GCTGGCCCGGTAAAGCCAAATGCTGCTCTCTGCAAGTCTCTGTAACAAGATGCTCA 499
Db 203 CTGGAGCGGAAGAGGCTGCTGTCAAGCCCTGCTTTAACTTGTAAGAACACAAAC 262
QY 500 CTGCCCCCTTGAAGAGCAATGCCCAAGTGGCTGTAAAGTGAACAGTTAACTGTA 559
Db 263 CCAATTCCAAACCAATAGCTGTCAACGCTTGAGAGGTGGTGTCTGCTTAAGCTTGA 322
QY 560 ACGAACAACCACTTGGGCTGTAAACCAACCTTGCCTATGTTGCTGCTGCTGCCA 619
Db 323 CCAACTCTCTCCCTGGGCTGTCAACGATGAGCTTGCCTACGCTTGTGCTGCAAGA 382
QY 620 TCAAGTGGTGGTGAATTCGCGTGGCTGCTTCTGTTGCAACTTACTTCACTTCTA 679
Db 383 TCTCCGGTGGCTCCGAGGCGACGCTGGTGTGCTGTCTGTAAGCTTGAACCTCAAC 442
QY 680 CCTCTGTGTGTGAAGAGATGCTGTGCAAGTCACTTAACACTGTGTGATCTTGGCT 739
Db 443 GCCCCGTCAGAGGCAAGATGATGCTCAAGTCAACCAACTGGAGGTGATCTGGCG 502
QY 740 CCTCTACTGCTGCTCACTTGACTTGAACAAATGCCCGGTGGTGTGTTGTAATTTCA 799
Db 503 ACA-----ACCACTTGTGATCTCAATGATGCCCGGCTGGTGTGCTGATCTTGCACG 553
QY 800 GTTGTTCACCAATGGGGTGTCTCCCAATGACGCTTGGGGCTCAAGATACGGTGTATT 859
Db 554 GCTGCACTCTGATTTGG-----CAAGCTCTCGGCGGTGCCAGTACGGGCTATCT 607
QY 860 CTCTGCACTGATCTGCTCTAGTCTTCTTCCGCACTTCAAGCTGTTGTAATGAGAT 919
Db 608 CCTCCCAAGCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
QY 920 TCAACTGCTTCAAGAGCTGATTAACCAAGATGATTAACAAGAGTAACTGTTCTTA 979
Db 668 TCGACTGCTTGAAGAGCGGCAACCTTCACTTCAAGAGGTTGCAAGTTCAGTCCCA 727
QY 980 AGGAATACCGCCCAAGACAGTTG 1004
Db 728 AGGCTCTCTGACATCAAGTGATG 752

RESULT 5
US-08-389-423-3
Sequence 3, Application US/08389423
Patent No. 5948672
GENERAL INFORMATION:
APPLICANT: Raamuksen, Grethe
APPLICANT: Mikkelson, Jan Moeller
APPLICANT: Schuelein, Martin
APPLICANT: Packard, Shankant A.
TITLE OF INVENTION: A Cellulase Preparation Comprising an
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 59486720 No. 59486720 of No. 59486720 America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,423
FILING DATE: 14-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469.214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Fusarium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-389-423-3

Query Match 18.6%; Score 189.4; DB 2; Length 1473;
Best Local Similarity 59.0%; Pred. No. 1.4e-47;
Matches 369; Conservative 0; Mismatches 241; Indels 15; Gaps 2;

QY 380 GTGATGCTTGTGAAGAGGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 439
Db 143 GTGCTCTTGTGAAGAGGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 202
QY 440 GCTGGCCCGGTAAAGCCAAATGCTGCTCTCTGCAAGTCTCTGTAACAAGATGCTCA 499
Db 203 CTGGAGCGGAAGAGGCTGCTGTCAAGCCCTGCTTTAACTTGTAAGAACACAAAC 262
QY 500 CTGCCCCCTTGAAGAGCAATGCCCAAGTGGCTGTAAAGTGAACAGTTAACTGTA 559
Db 263 CCAATTCCAAACCAATAGCTGTCAACGCTTGAGAGGTGGTGTCTGCTTAAGCTTGA 322
QY 560 ACGAACAACCACTTGGGCTGTAAACCAACCTTGCCTATGTTGCTGCTGCTGCCA 619
Db 323 CCAACTCTCTCCCTGGGCTGTCAACGATGAGCTTGCCTACGCTTGTGCTGCAAGA 382
QY 620 TCAAGTGGTGGTGAATTCGCGTGGCTGCTTCTGTTGCAACTTACTTCACTTCTA 679
Db 383 TCTCCGGTGGCTCCGAGGCGACGCTGGTGTGCTGTCTGTAAGCTTGAACCTCAAC 442
QY 680 CCTCTGTGTGTGAAGAGATGCTGTGCAAGTCACTTAACACTGTGTGATCTTGGCT 739
Db 443 GCCCCGTCAGAGGCAAGATGATGATGATGATGATGATGATGATGATGATGATGAT 502
QY 740 CCTCTACTGCTGCTCACTTGAACAAATGCCCGGTGGTGTGTTGTAATTTCA 799
Db 503 ACA-----ACCACTTGTGATCTCAATGATGCCCGGCTGGTGTGCTGATCTTGCACG 553
QY 800 GTTGTTCACCAATGGGGTGTCTCCCAATGACGCTTGGGGCTCAAGATACGGTGTATT 859
Db 554 GCTGCACTCTGATTTGG-----CAAGCTCTCGGCGGTGCCAGTACGGGCTATCT 607
QY 860 CTCTGCACTGATCTGCTCTAGTCTTCTTCCGCACTTCAAGCTGTTGTAATGAGAT 919
Db 608 CCTCCCAAGCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
QY 920 TCAACTGCTTCAAGAGCTGATTAACCAAGATGATTAACAAGAGTAACTGTTCTTA 979
Db 668 TCGACTGCTTGAAGAGCGGCAACCTTCACTTCAAGAGGTTGCAAGTTCAGTCCCA 727
QY 980 AGGAATACCGCCCAAGACAGTTG 1004
Db 728 AGGCTCTCTGACATCAAGTGATG 752

RESULT 6

Db 323 CCACTACTCTCTCCCTGGGCTGTCAACGATGAGCTTGCTTACGTTTGGCTGATCAACA 382
Qy 620 TCAAGTGGGAGGAGTATCTCGCGGAGCTGTTCTTGTTCGAACCTTACTTCACTTCTA 679
Db 383 TCTCCGATGCTCCGAGGCGCAGCTGTGTGTGTCTTCTTATGCTTTGACCTTCAACA 442
Qy 680 CTTCTGTGTGATGAGAGATGATGTTTCCAACTCACTTCACTGATGATCTTGGCT 739
Db 443 GCCCGCTCAAGGCGAAGATGATGTCAGCTCAACAACATCGAGGATCTGGCG 502
Qy 740 CTTCTACTGTGCTCACTTGTGATGCAATGCCCGGTGTGTGTGATTTCAATG 799
Db 503 ACA-----ACACCTTGTGATGATGATGATGATGATGATGATGATGATGATGATG 553
Qy 800 GTTGTTCAGCAATGAGGAGTGTCTCCAAATGACGTTGGGGCTCAAGATAGGATGATTT 859
Db 554 GCTGACCTCTGATTTGG-----CAAGGCTCTCGCGGTGCTCCAGTACGCGGATCT 607
Qy 860 CTTCTGATCTGACTGCTCTAGTCTTCTTCCGACTCCAGCTGATTTGTAATGAGAT 919
Db 608 CTTCCGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 667
Qy 920 TCACTGTGTTCAAGAACCTGATTAACCAAGCATGATTAACAGAAATTAATCTTCTA 979
Db 668 TCGACTGTGTTCAAGAACCTGATTAACCAAGCATGATTAACAGAAATTAATCTTCTA 979
Qy 980 AGGAATCACCGCCCAAGACAGGTTG 1004
Db 728 AGGCTCTCTCGACATGATGATG 752

RESULT 8

US-09-230-665-7
; Sequence 7, Application US/09230665
; Patent No. 6322595
; GENERAL INFORMATION:
; APPLICANT: Boyer, Stanton L
; TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
; FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
; Patent No. 6322595
; CURRENT APPLICATION NUMBER: US/09/230,665
; EARLIER FILING DATE: 1999-01-29
; EARLIER APPLICATION NUMBER: 60/023,125
; EARLIER FILING DATE: 1996-07-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 984
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Organism encoding
; OTHER INFORMATION: an endoglucanase enzyme
; NAME/KEY: CDS
; LOCATION: (97)..(735)
US-09-230-665-7

Query Match 18.2%; Score 185.2; DB 4; Length 984;
Best Local Similarity 59.2%; Pred. No. 2,1e-46;
Matches 360; Conservative 0; Mismatches 233; Indels 15; Gaps 2;
Qy 380 GTGATGCTCTGTAAGGATGATGATGATGATGATGATGATGATGATGATGATG 439
Db 143 GTGATGCTTCTGAGAGGCTCACTTACTGATGATGATGATGATGATGATGATGAT 202
Qy 440 GCTGAGCCCGTAAGGCAATGATGATGATGATGATGATGATGATGATGATGATG 499
Db 203 CTTGAGCCGTAAGGCAATGATGATGATGATGATGATGATGATGATGATGATG 262
Qy 500 CTGCGCTTATGACAGCAATGATGATGATGATGATGATGATGATGATGATGATG 559

Db 263 CCAATTCACAACCAATGCTGTCAACGATGAGGATGATGATGATGATGATGATGATG 322
Qy 560 AACAGAACCAACTTGGGCTGTAAAGCAACACTTGGCTTATGATGATGATGATGATG 619
Db 323 CCAACTACTCTCTCTGGGCTGTCAACGATGATGATGATGATGATGATGATGATGATG 382
Qy 620 TCAAGTGGGAGGAGTATCTCGCGGAGCTGTTCTTGTTCGAACCTTACTTCACTTCTA 679
Db 383 TCTCCGATGCTCCGAGGCGCAGCTGTGTGTGTCTTCTTATGCTTTGACCTTCAACA 442
Qy 680 CTTCTGTGTGATGAGAGATGATGTTTCCAACTCACTTCACTGATGATCTTGGCT 739
Db 443 GCCCGCTCAAGGCGAAGATGATGTCAGCTCAACAACATCGAGGATCTGGCG 502
Qy 740 CTTCTACTGTGCTCACTTGTGATGCAATGCCCGGTGTGTGTGATTTCAATG 799
Db 503 ACAAC-----CACTTGTGATGATGATGATGATGATGATGATGATGATGATGATG 553
Qy 800 GTTGTTCAGCAATGAGGAGTGTCTCCAAATGACGTTGGGGCTCAAGATAGGATGATTT 859
Db 554 GCTGACCTCTGATTTGG-----CAAGGCTCTCGCGGTGCTCCAGTACGCGGATCT 607
Qy 860 CTTCTGATCTGACTGCTCTAGTCTTCTTCCGACTCCAGCTGATTTGTAATGAGAT 919
Db 608 CTTCCGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 667
Qy 920 TCACTGTGTTCAAGAACCTGATTAACCAAGCATGATTAACAGAAATTAATCTTCTA 979
Db 668 TCGACTGTGTTCAAGAACCTGATTAACCAAGCATGATTAACAGAAATTAATCTTCTA 979
Qy 980 AGGAATC 987
Db 728 AGGCTCTC 735

RESULT 9

US-08-651-136C-5
; Sequence 5, Application US/08651136C
; Patent No. 6001639
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
; APPLICANT: Andersen, Lene N.
; APPLICANT: Laessen, Soren F.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Lange, Lene
; APPLICANT: Nielsen, Rupy I.
; APPLICANT: Ihara, Michiko
; TITLE OF INVENTION: No. 6001639e1 Endoglucanases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESS: No. 60016390 No. 6001639e1 Endoglucanases
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,136C
; FILING DATE: 21-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4366.200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123

TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 927 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..924
 US-08-651-136C-5

Query Match 17.8%; Score 181.2; DB 3; Length 927;
 Best Local Similarity 59.0%; Pred. No. 3.3e-45;
 Matches 372; Conservative 0; Mismatches 243; Indels 15; Gaps 3;

387 CTCTGTGTAAGGTCATCTACTCTGTTATTTGGATTGCTTAAGGCTCTCTGTAAGCTGACC 446
 |||||
 60 CTGGGCAATCGGCAGACGACCCGGTACTGGGACTGCTCAAGCCGAGCTGGGCGCTGGCC 119
 |||||
 447 CGTTAAGCCCAATGTCATGTTCTCTGTCATGTCCTGTAACAAAGATGTCACCTGCTT 506
 |||||
 120 CGGCAAGGCGCC---CTGCTCTCCGGTGCAGGCTGCGCAAGAACGACACCCGCTCAA 176
 |||||
 507 TAGTGAAGCAATGCGCCAAAGTGGCTGTAGAGGTGGTAACTG---TACATGTTAAGCA 563
 |||||
 177 CGACGCGGCTCCACCCGGTCCGGCTCGACCGGCGGCGGCGGCTCAATGTCCTCTC 236
 |||||
 564 CAACCAACCTTGGGCTGTAAAGACAACTTGTCTATGTTTCTGCTGCTGCCATCAG 623
 |||||
 237 CCAAGAGCCCTGGGCGGTGAGGAGAGAGCTGTGTAAGCTGGGCGGCGTCAAGTCTGC 296
 |||||
 624 TGTGTGTGTAATCTCGTCTGCTGTTCTTGTGTAATCTTCACTTTCACTTTCACTTC 683
 |||||
 297 CGGCAAGCTCCGAGTGCAGTGTGTGCTGCGCTGCTACGAGCTGACCTTCAACGAGCGGCG 356
 |||||
 684 TGTGTGTGTAAGAGATGTTGTCCAGTCACTGACCTGAGTGTGATCTTGGCTCTC 743
 |||||
 357 GGTTCGGGCAAGAAATATATTGTGACGACCAACACCGGTGGGAGCTGGGC----- 411
 |||||
 744 TACTGTGCTCACTTTGACTTTCCTCAATGCGCGGTGTGTGTTGATTTTCAATGTTG 803
 |||||
 412 ---GACAACTTGTGACTGCGCATCCCGGTGGCGGTGTCGATTTTCAACCCCTG 467
 |||||
 804 TTTCAGCCCAATGGGCTCTCCCAATGACGTTGGGCTCAAGATACGTTGATTTTCTTC 863
 |||||
 468 CACCGACAGTACGGGCTCTCCCGCAACGCGCTGGGCGACCGCTACGGGCGATCCATTC 527
 |||||
 864 TGCATCTGACTGCTCTAGTCTTCTTCCGCACTCCCAAGCTGTGTTTAATGAGATTCAA 923
 |||||
 528 CAAGAGAGTGTGAATCTCTTCCCGAGGCTCTCAAGCCCGGTCACTGGGCTTCCA 587
 |||||
 924 CTGTGTTCAAGAACGCTGATTAACCAAGATGACTTCAAGAGAAATTAACCTGTTCTTAAGA 983
 |||||
 588 CTGGTTCCAAAAGCGGCAACACCGGTGATCACTTCCAGAGAGTGGCTTGGCCCGTCCGA 647
 |||||
 984 AATCACCGCAAGACAGGTTTTCAGAAA 1013
 |||||
 648 GCTCACTTCAAGAGCGGCTGCTCCGTTAA 677
 |||||

RESULT 10

US-09-229-911A-5
 Sequence 5; Application US/09229911A
 Patent No. 6387690

GENERAL INFORMATION:

APPLICANT: Schuelin, Martin
 Andersen, Lene N.
 Laassen, Soren F.
 Kauppinen, Markus S.
 Lange, Lene
 Nielsen, Ruby I.

Ihara, Michiko
 Takagi, Shinobu
 TITLE OF INVENTION: No. 6387690el Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 6387690 No. 6387690disk of No. 6387690th America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/229,911A
 FILING DATE: 13-Jan-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/651,136
 FILING DATE: 21-MAY-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambiris, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366.200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 927 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..924
 US-09-229-911A-5

Query Match 17.8%; Score 181.2; DB 4; Length 927;
 Best Local Similarity 59.0%; Pred. No. 3.3e-45;
 Matches 372; Conservative 0; Mismatches 243; Indels 15; Gaps 3;

387 CTCTGTGTAAGGTCATCTACTCTGTTATTTGGATTGCTTAAGGCTCTCTGTAAGCTGACC 446
 |||||
 60 CTGGGCAATCGGCAGACGACCCGGTACTGGGACTGCTCAAGCCGAGCTGGGCGCTGGCC 119
 |||||
 447 CGTTAAGCCCAATGTCATGTTCTCTGTCATGTCCTGTAACAAAGATGTCACCTGCTT 506
 |||||
 120 CGGCAAGGCGCC---CTGCTCTCCGGTGCAGGCTGCGCAAGAACGACACCCGCTCAA 176
 |||||
 507 TAGTGAAGCAATGCGCCAAAGTGGCTGTAAAGGCTGGTAACTG---TACATGTTAAGCA 563
 |||||
 177 CGACGCGGCTCCACCCGGTCCGGCTGCGACCGGCGGCGGCTCAATGTCCTCTC 236
 |||||
 564 CAACCAACCTTGGGCTGTAAAGACAACTTGTCTATGTTTCTGCTGCTGCCATCAG 623
 |||||
 237 CCAAGAGCCCTGGGCGGTGAGGAGAGAGCTGTGTAAGCTGGGCGGCGGCTCAAGTCTGC 296
 |||||
 624 TGTGTGTGTAATCTCGTGTGCTGTTCTTGTGTTCAACTTCACTTTCACTTTCACTTC 683
 |||||
 297 CGGCAAGCTCCGAGTGCAGTGTGTGCGCTGCTTACGAGCTGACCTTCAACGAGCGGCG 356
 |||||
 684 TGTGTGTGTAAGAGATGTTGTCCAGTCACTTAACACTGTTGGTGTGATCTTGGCTCTC 743
 |||||
 357 GGTTCGGGCAAGAAATATATTGTGACGACCAACACCGGTGGGAGCTGGGC----- 411
 |||||
 744 TACTGTGCTCACTTTGACTTTCCTCAATGCGCGGTGTGTGTTGATTTTCAATGTTG 803
 |||||

Db 412 ----GACAACTTGTGACCTGGCCATCCCGGTGGGCTGTGCTATTTCACAGCCTG 467
 QY 804 TTCACCCATGGGGTGTCTCCCAATGACGGTGTGGGCTCAAGATACGCTGATTTCCTC 863
 Db 468 CACGACACGATGCGGGCTCTCCCGAAGCGCTGGGGCGACCGCTACGGGGCATCATTC 527
 QY 864 TGCATCTGACTGCTAGTCTTCTTCTCCGACTCCAGCTGTGTTAAATGAGATTCA 923
 Db 528 CAGAAGAGTGGAAATCTTCCCGAGGCTTCAGCCGCTGCACTGGGCGCTTCA 587
 QY 924 CTGCTTCAGAAAGCTGATATACCCAGCACTTCAAGAGTTACCTGTCTTAAGA 983
 Db 588 CTGCTTCAGAAAGCGCACACCCCTGCTGATCTTCAGAGAGTGGCTTCCCGCTCGA 647
 QY 984 ATACACCGCCAGACAGGTGTTCAGAAA 1013
 Db 648 GCTCAGCTCCAGAGCGGCTGTCTCCGTAA 677

RESULT 11
 US-08-651-136C-9
 ; Sequence 9, Application US/08651136C
 ; Patent No. 6001639

GENERAL INFORMATION:
 APPLICANT: Schuelein, Martin
 APPLICANT: Andersen, Lene N.
 APPLICANT: Lassen, Soren F.
 APPLICANT: Kauppinen, Markus S.
 APPLICANT: Lange, Lene
 APPLICANT: Nielsen, Ruby I.
 APPLICANT: Ihara, Michiko
 APPLICANT: Takagi, Shinobu
 TITLE OF INVENTION: No. 6001639e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 6001639 No. 6001639disk of No. 6001639th America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/651.136C
 FILING DATE: 21-MAY-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambiris, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366.200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-867-9655
 INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:
 LENGTH: 1423 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 110..1156
 US-08-651-136C-9

Query Match 17.8%; Score 181.2; DB 3; Length 1423;
 Best Local Similarity 59.5%; Pred. No. 4,1e-45;
 Matches 369; Conservative 0; Mismatches 233; Indels 18; Gaps 3;

QY 385 GCTCTGGTAAAGGTGCTACTACTGTTATTTGGATTTCTGTAAGGCTCTTACGTG 444
 Db 170 GCTCTGGGCAAAAGCCACACACCCGCTACTGGGATTTCTGCAAGATTTCTTGCGCATGG 229
 QY 445 CCGGTAAAGGCAATGTCACTTCTCTGTCAAGTCTCTGTAACAAGATGTGTACATGCC 504
 Db 230 GAGGGCAAGGATCCGTTCTCGAAGCTGTCTGTACCTGTAAACAAGCA---GGAACAACCC 286
 QY 505 CTTAATGACACCAATGCCCAAGTGGCTGTAAAGGCTGTAAACAGTTACATGTGTAAAGAC 564
 Db 287 ATCTGTATGCAACAGCCAGAGCGGTCTGCAAGCGGCGGGGATTTGGCTGTAAACAAC 346
 QY 565 AACCAACCTTGGGCTGTAAAGCAACCTTGCCTTAATGTTTCTGTCTGTCTGCTCATAGT 624
 Db 347 AATTCCTTTGGGCGGTGAGGAGGACCTGGCTTAAGGATTTGCTGCAACGCCCTAGC 406
 QY 625 GGTGTGTGATATCTCGCTGTGCTGTCTTCTGTTTCAACTTACTTCACTTCACTCT 684
 Db 407 GCGGCACTGAGGGCAGCTGTGTGCTGCGGTGTTAAGCATCACTTCAAGATGTGGCCT 466
 QY 685 GTTGTGTGTAAGATGTTGTCCAACTCACTAACACTGTGTGTATCTTGTCTCTCT 744
 Db 467 GTGCTTGGCAAAATGTGTCTCCACGAAACAAGAGGAGACCTGTCCAAAC--- 523
 QY 745 ACTGTGTCACTTGTGCAATGCTCCGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 804
 Db 524 -----AACCACTTGTGACCTGTATGTATCCCGTGTGAGGCTTCCGATCTTGTACGCTTGC 577
 QY 805 TCCAGCCATGGGGTGTCTCCCAATGACGGTGTGGGCTCAAGATGAGTGTATTTCTCT 864
 Db 578 TCGGCTGAGTTCGACAACTTTCTCCCGGCAAGCT-----TAGGAGGTGTTCGTC 631
 QY 865 GCATCTGACTGCTAGTCTTCTTCCGACTCCAACTGCTGTGTAAATGAGATTCAAC 924
 Db 632 CGCTCATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 691
 QY 925 TGGTTCAAGACGCTGATATACCAAGCATGATTTCAAGAAAGTAACTGCTTAAGAA 984
 Db 692 TGGTTCAAGAACTCAAGAACCCCTGACATGATGATGATGATGATGATGATGATGATGAT 751
 QY 985 ATACCGCCAGACAGGTG 1004
 Db 752 CTCATTCGGTCTCTGGGTG 771

RESULT 12
 US-09-229-911A-9
 ; Sequence 9, Application US/09229911A
 ; Patent No. 6387690

GENERAL INFORMATION:
 APPLICANT: Schuelein, Martin
 APPLICANT: Andersen, Lene N.
 APPLICANT: Lassen, Soren F.
 APPLICANT: Kauppinen, Markus S.
 APPLICANT: Lange, Lene
 APPLICANT: Nielsen, Ruby I.
 APPLICANT: Ihara, Michiko
 APPLICANT: Takagi, Shinobu
 TITLE OF INVENTION: No. 6387690e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 6387690 No. 6387690disk of No. 6387690th America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/229,911A
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1423 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 110..1156
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-229-911A-9

Query Match 17.8%; Score 181.2; DB 4; Length 1423;
Best Local Similarity 59.5%; Pred. No. 4.1e-45;
Matches 369; Conservative 0; Mismatches 233; Indels 18; Gaps 3;

385 GCCTCGTAAAGGCTGCTACTGTTATTTGGATTGCTGTAAGGCTCTGTAAGTCTG 444
170 GCTTGGGGAAGGCAACACACCCCTACTGGAATTTGCTGCAAGCTTTTGGCATG 229
445 CCGGTAAGGCCAATGCTCAATCTCTCTCAAGTCTCTGTAACAAAGATGATGCTACTGCC 504
230 GAGGGCAAGGCAATCCGCTCTCCAGGCTGCTGTAAGTCTGTAACAAAGCA---GGAACAACCC 286
505 CTTAGTGAAGCAATGCTCAAGTCTGTAAGTCTGTAAGTCTGTAAGTCTGTAAGTCTGTAAG 564
287 ATGCTGAAGCAACCCCAAGGCTGTAAGTCTGTAAGTCTGTAAGTCTGTAAGTCTGTAAG 346
565 AACCAACTTGGGCTGTAAGCAACCACTTGGCTATGTTGGCTGCTGCTGCTGCTGCTGCTG 624
347 AATTCCTTGGGCTGTAAGCAACCACTTGGCTATGTTGGCTGCTGCTGCTGCTGCTGCTG 406
625 GGTGCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 684
407 GCGGCACTGAGGGCAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 466
685 GTTCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 744
467 GTGCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 523
745 ACTGCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 804
524 -----AACCACTTGAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 577
805 TCCAGCAATGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 864
578 TCGGCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 631
865 GCATCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 924
632 CGCTCTGTAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 691
925 TGGTCAAGCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 984
692 TGGTCAAGCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 751
985 ATACCGCAAGCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1004
752 CTCATTTGCGGTCTCTGGGTG 771

RESULT 13
US-08-651-136C-1
Sequence 1, Application US/08651136C
Patent No. 6001639
GENERAL INFORMATION:
APPLICANT: Schuelein, Martin
APPLICANT: Andersen, Lene N.
APPLICANT: Lassen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Ruby I.
APPLICANT: Ihara, Michiko
APPLICANT: Takagi, Shinobu
TITLE OF INVENTION: No. 6001639e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6001639o No. 6001639e1 Endoglucanases
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 960 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 113..787
US-08-651-136C-1

Query Match 17.8%; Score 181; DB 3; Length 960;
Best Local Similarity 58.9%; Pred. No. 3.9e-45;
Matches 333; Conservative 0; Mismatches 245; Indels 15; Gaps 3;

387 CTCGTGAAGCGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 446
172 CTCGGGCAATCGGCAAGCAACCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 231
447 CGGTAAAGCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 506
232 CGGCAAGGAGCC---CTGCTCTCGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 288
507 TAGTGAAGCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 563
289 CGAGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 348
564 CAACCAACTTGGGCTGTAAGCAACCACTTGGGCTGTAAGCAACCACTTGGGCTGTAAGCA 623
349 CCAGAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 408
624 TGGTGTGTAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 683

Db 409 CGGACAGCTCCGAGTCCAGTGTGCTGCGCTGTACGAGCTTCAACAGCGGCGC 468
Qy 684 TGTGTGCTGAGAGAGTGTGTCTCCAGTCACTAACAATGATGATCTTCTCTC 743
Db 469 GGTGCGGGGCAAGAGATGATTTGTGAGGAGCAACACCGGTGGGAGACTGGCC----- 523
Qy 744 TACTGTGCTCACTTGTGCTGCAAAATGCCGCTGTGTGTGTGATTTTCAATGTTG 803
Db 524 ----GACAACTTGTGCTGCGCAATCCCGGTGGGCTGTGTGTGATTTTCAACGCTG 579
Qy 804 TTTCAGCTATGGGTGCTCCCAATGACGTTGGGGCTCAAGTACGGTGTATTTCTTC 863
Db 580 CACGACAGTACGCGCTCCCGCAACGCGCTGGGAGACCCCTAGCGGCGCATCTTC 639
Qy 864 TGATCTGACTGTCTGATCTTCTTCCGCACTCCAGCTGTGTGATTAATGAGATTCA 923
Db 640 CAGGAAGAGTGGAAATCTTCCGAGGCGCTCAACCCGCGCTGCAACTGGCGTTCCA 699
Qy 924 CTGTTCAAGAACCTGATTAACCAAGCATGATTAAGAGAGTAACTCTGCTTAAGA 983
Db 700 CTGTTTCAAAACCGCCCAACCCGCTGCTTCAAGAGTGGCTGCGCTGCGA 759
Qy 984 AATCAGCGCCAGACAGTGTGTTCAAGAAATA 1016
Db 760 GCTCAGCTCCAGAGCGGCTGCTCCGTTAAGA 792

RESULT 14
US-09-229-911A-1
; Sequence 1, Application US/09229911A
; Patent No. 6387690
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
; Andersen, Soren F.
; Kauppinen, Markus S.
; Lange, Lene
; Nielsen, Ruby I.
; Ihara, Michiko
; Takagi, Shinobu
; TITLE OF INVENTION: No. 6387690e1 Endoglucanases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESS: No. 6387690 No. 6387690disk of No. 6387690th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10474-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/229,911A
; FILING DATE: 13-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/651,136
; FILING DATE: 21-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4366,200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 960 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 113..787
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-229-911A-1
Query Match 17.8%; Score 181; DB 4; Length 960;
Best Local Similarity 58.9%; Pred. No. 3.9e-45;
Matches 373; Conservative 0; Mismatches 245; Indels 15; Gaps 3;
Qy 387 CTCTGTAAAGGTGTCATCTCTTATTTGAGATTTGCTGAAGGCTCTGTACCTGCGC 446
Db 172 CTGCGGCAATCGGCCAGAGACCGGGTACTGGGATCTGTGCAAGCCGAGCTGCGC 231
Qy 447 CGGTAAAGCCAAATGTCAGTTCTCTGTCAAGTCTCTGTAAACAAGATGCTGACGCGCT 506
Db 232 CGGCAAGGCGCC---CTGCTCCGCTGCAAGGCTGCGACAGAACGCAACCCGCTCA 288
Qy 507 TAGTACAGCAATGCGCAAGTGTGTGTAAGTGTGTAAAGT---TACATGTGTAAGA 563
Db 289 CCAAGCGGCTCCACCCCGTCCGCGCTGGAGCGCGGCGGAGCGCTCATGTGCTCTC 348
Qy 564 CAACCAACCTTGGGCTGTAAAGACACACCTTGTCTATGTGTTTCTGCTGCTGCATCAG 623
Db 349 CCAGAGCCCTGCGCGCTGACGACGAGCTGTCTGAGCTGGGCGCGCTGACAGCTGC 408
Qy 624 TGTGTGTGTAATCGCTGTGCTGTCTTGTGTGCACTTACTTCACTTCACTC 683
Db 409 CCGAGCTCCGAGTGTGCACTGTGCTGCGCTGTCAAGCTGACCTTCAACAGGCGGCGC 468
Qy 684 TGTGTGTGTAAGAGATGTTGTCCAACTCACTAAGTGTGTGATCTTGGCTCTC 743
Db 469 GGTGCGGGCAAGAGATGATTTGTGAGGCGACCAACCGGTGGCGACTGGGC----- 523
Qy 744 TACTGTGCTCACTTGTGATCTTGAATGCGAGTGTGTTGATTTTCAATGTTG 803
Db 524 ----GACAACTTGTGACCTGCGCATCCCGGTGGGCTGTGTGATTTTCAAGCGCTG 579
Qy 804 TTTCAGCAATGGGCTGCTCCCAATGACGTTGGGCTCAAGATGCGTGTATTTCTTC 863
Db 580 CACGACAGTACGCGCTCCCGCAACCGCTGGGCGACCGCTAGCGGCGCATCTCAT 639
Qy 864 TGATCTGACTGTCTGATGTTCTTCCGCACTCCAGCTGTGTGTAATGAGATTCA 923
Db 640 CAGGAAGAGTGGAAATCTTCCGAGGCGCTCAACCCGCGCTGCAACTGGCGTTCA 699
Qy 924 CTGTTCAAGAACGCTGATTAACCAAGCATGATTAAGAGAGTAACTGCTTAAGA 983
Db 700 CTGTTTCAAAACCGCCCAACCCGCTGCTTCAAGAGTGGCTGCGCTCGGAG 759
Qy 984 AATCAGCGCCAGACAGTGTGTTCAAGAAATA 1016
Db 760 GCTCAGCTCCAGAGCGGCTGCTCCGTTAAGA 792

RESULT 15
US-09-189-060B-67
; Sequence 67, Application US/09189060B
; Patent No. 6270968
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Sandal, Thomas
; APPLICANT: Kauppinen, Markus
; APPLICANT: Borge, Diderichsen
; TITLE OF INVENTION: Method of Providing No. 6270968e1 DNA Sequences
; FILE REFERENCE: 4772,204-US
; CURRENT APPLICATION NUMBER: US/09/189,060B
; CURRENT FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/DK97/00216
; PRIOR FILING DATE: 1997-05-12

/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 67
/ LENGTH: 919
/ TYPE: DNA
/ ORGANISM: Hybrid
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (2)...(919)
US-09-189-060B-67

Query Match 17.8%; Score 180.8; DB 4; Length 919;
Best Local Similarity 59.5%; Pred. No. 4.3e-45;
Matches 371; Conservative 0; Mismatches 232; Indels 21; Gaps 3;

```
QY 381 TGGTGCTTGGTGAAGGCTGCTACTGTTATTGGATTGCTGAAGCCTCTCTGTAG 440
DB 61 TGGCTTGGCTGATGAGGCAAGTCCAGAGTACTGGAGATTGTTAGCCCTCTTGTCTC 120
QY 441 CTGGCCCGGTAAAGCCATGTCAGTCTCTGTCAGTCTGTTAAACAAGATGTTGTAC 500
DB 121 CTGGGGGGAAGAGGCTCTGATAGCGCCCCCTGCTGACCTGGACAGAAC--GACAA 177
QY 501 TGCCTTACTGACAGCAATGCCAAGTGCCTGTAAAGGTGTAAACATTACATGTATA 560
DB 178 CCCCATCTCCGACGCGCAACGCCGTAGCGGTTGCAACGGCGGCACTTCCTACACCTGCAG 237
QY 561 CGACAAACCAACTTGGGGCTGTAAAGCAACAACCTTGCTTATGTTTGTGCTGCTGCCAT 620
DB 238 CAACCAACTCCCGTGGGCTGTCAACGACCAACCTCGCTATGGCTTGGCCGTACCAAGCT 297
QY 621 CAGTGGTGGTGGTGAATCTCGTGGTGTCTTCTTGTGAACTTCACTTCACTTCTAC 680
DB 298 CTCTGAGGCTCCGAGTCCAGCTGAGTGTCTGTCTTCTTACCTCTTACACTGG 357
QY 681 CTCTGTGCTGTGAAGAGATGTTGTCCAACTCACTAAACATGTGTGATCTTGGCTTC 740
DB 358 CCCCGTAAGGGGAAGACCATGATGTGTACAGTCAACCAACCGGAGGCGATCTGGC-- 415
QY 741 CTCTACTGTGCTCACTTTGACTTGTCAAAATGCCGGTGTGTGTGTATTTTCAATAG 800
DB 416 -----GAGAAACACTTTCGATCTCCAGATGCCCGGCGGCTGTGCGATCTTGTACCG 468
QY 801 TTGTTCCAGCCCAATGGGAGTGTCTCCCAATGACGGTTGGGGCTCAAGATACGGTGTATTTC 860
DB 469 CTGCACTCTCCAGTGGGGTGGCTTCGGCGGTGCTCAG-----TACGGCGGCAATCTC 519
QY 861 TTCTGATCTGACTGCTCTAGTCTTCTTCCGCACTCAAGCTGTGTGTAATGAGATT 920
DB 520 GTGCGAAGCGACTGCGACAGCTTCCCGAGCTGTCAAGGAGCGCTGCTACTGGGCTTA 579
QY 921 CAACTGCTTCAAGAGCGCTGATTAACCAAGCATGACTTCAAGAGAGTTAAGTCTCTAA 980
DB 580 CGACTGTGTTCAAGAGCGCGACATCCGAGCTTCAGTTCCTGCAAGTCCAGTGCACAGC 639
QY 981 GGAATATCACCGCCAGACAGTTG 1004
DB 640 CAGCTCTGTGCTCGCACCGGATG 663
```

Search completed: June 17, 2003, 18:55:28
Job time : 59.893 secs

THIS PAGE BLANK (USPTO)